CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) Applicant(s):			Docket No. POPE#6(CIP)(CIP)
Serial No. 09/782,945	Filing Date February 13, 2001	Examiner Margaret G. Moore	Group Art Unit 1712
nvention: Application	of Photocurable Pre-Ceramic Po	37448 E 80 OV 0 4 2005 5	•
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I hereby certify that	this amendment		
is being deposited	with the United States Postal		n an envelope addressed to:
Commissioner for P	atents, P.O. Box 1450, Alexandr	ia, VA 22313-1450 on	October 31, 2005 (Date)
		(Signature of Person Me	illing Correspondence)
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

EDWARD J. A. POPE and

KENNETH M. KRATSCH APPLICATION OF PHOTOCURABLE

PRE-CERAMIC POLYMERS Serial No. 09/782,945

Filed: February 13, 2001

Margaret G. Moore

Examiner

Art Unit 1712

## AMENDMENT

To the Commissioner for Patents:

The applicants hereby amend their application as follows:

In the claims:

Amend claim 1:

- 1. (Amended) A process for synthesizing photo-curable poly(ethynyl)carbosilane comprising the steps of:
  - a. mixing dichlorosilane and trichlorosilane reagents;
  - b. adding sub-stoichiometric amounts of alkali metal; and
  - c. adding sodium acetylide in excess of [stoichiometry] said sub-stoichiometric amounts of alkali metal.

Amend claim 2:

- 2. (Amended) A process for synthesizing photo-curable poly(ethynyl)carbosilane comprising the steps of:
- a. mixing dichlorosilane and trichlorosilane reagents in the presence of methylene bromide;
- b. adding sub-stoichiometric amounts of alkali metal; and